

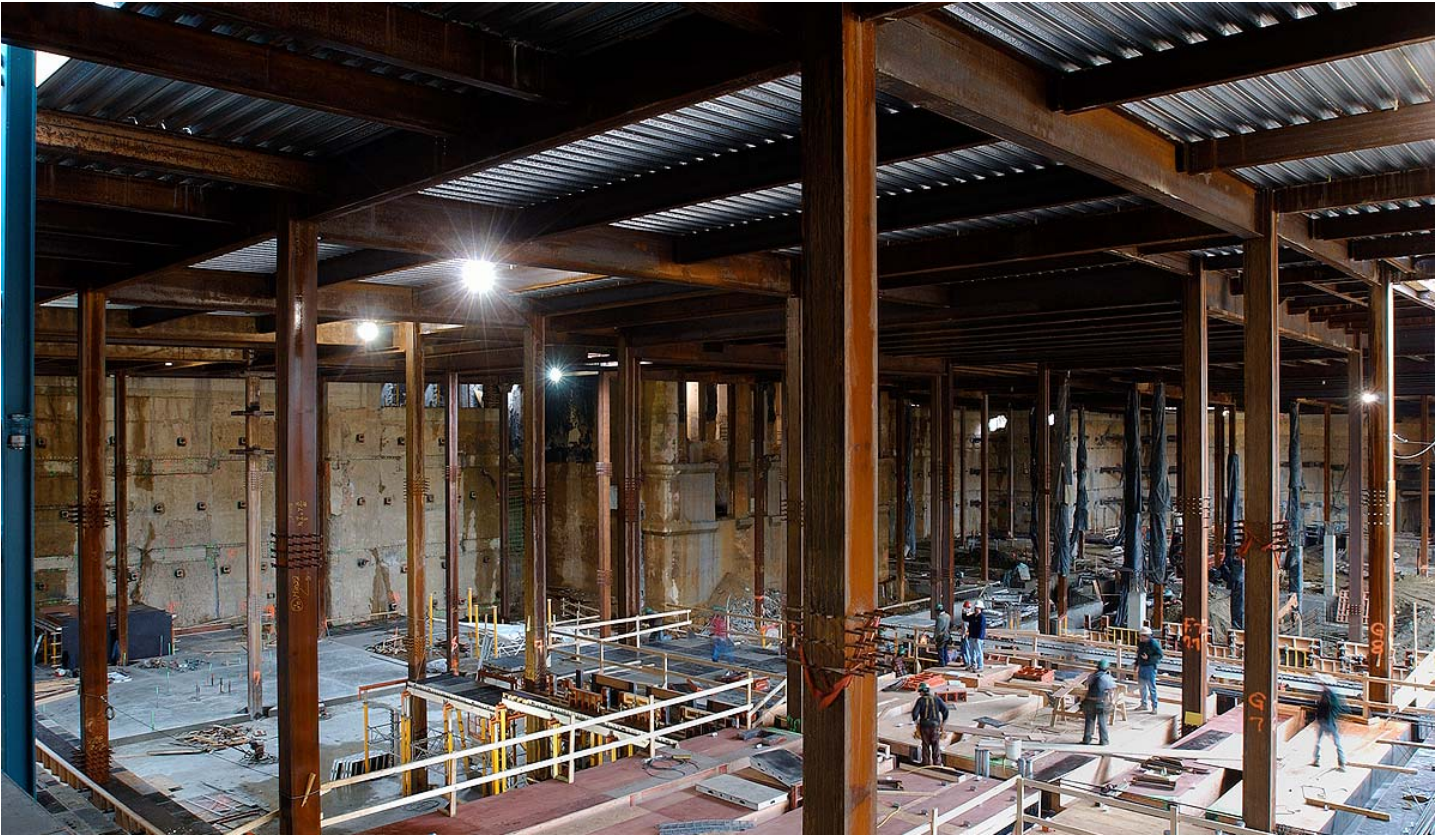


# United States Capitol Visitor Center Weekly Construction Summary



Prepared by the Capitol Visitor Center Project Office, Architect of the Capitol

April 19, 2004



*Sequence 1 crews continue to assemble the formwork for the Lower Level floor slab. The area shown here will be home to two 250-seat orientation theaters. Inside the theaters, visitors will enjoy a short film about the Capitol and the Congress before beginning their tour.*

## **This Week – Ongoing Work – 4/19/04 through 4/23/04**

### **East Front Plaza Highlights:**

- Concrete placements for the second roof deck slab will continue on the north side of the site over the next several weeks. Approximately 85 percent of the north roof deck now has the top slab in place.
- Crews will continue placing and testing waterproofing applications on the roof deck.
- Concrete placements will continue on all three levels of the CVC and the concrete floor slab for the Great Hall is now substantially complete.
- Crews continue to build mechanical spaces, erect formwork, excavate and install utilities throughout the site.

### **East Front Extension (Inside the Capitol)**

- Crews continue to erect structural steel inside the East Front Extension and continue with demolition activities to clear the way for elevator shafts, escalators, stairwells and new mechanical systems.

### **Truck Tunnel Construction**

- Dump trucks are now bringing soil to the site to backfill the tunnel zone above the tunnel roof deck.
- In other areas, crews continue to assemble rebar and formwork for the tunnel walls and roof deck. Concrete pours and waterproofing applications will occur for the next several weeks.
- Workers will continue to remove the temporary bridge structure on Constitution Avenue that lies over the new truck tunnel just east of New Jersey Avenue NW. Once the bridge is removed, crews will backfill the zone, place asphalt for the road and re-establish sidewalks and curbs. In an effort to avoid impacts to parking, Constitution Avenue has been reduced from four lanes to three for the six-week restoration period.



### **Library of Congress (LOC) Tunnel**

- A crew will continue constructing a temporary bridge along the western half of First Street over the excavation zone to allow excavation to occur without disrupting traffic (see photo at right).
- Excavation continues near the northwest corner of the LOC building.



*A temporary wood and steel bridge along First Street SE will minimize impacts to traffic flow while excavation for the LOC tunnel occurs below.*

## **Next Week – 4/26/04 - 4/30/04**

### **East Front Plaza Work**

- Crews will continue to waterproof portions of the CVC roof slab, conduct waterproofing tests, lay a 6-inch gravel bed and place the second or “topping” slab of concrete throughout the roof deck..
- Crews will continue to install utilities, build mechanical spaces, erect formwork and place concrete floor slabs for all three below-ground levels of the CVC.

### **East Front Extension**

- Steel crews will continue to erect steel within the East Front concrete structure. Demolition of structural elements will continue on all levels within the East Front Extension and in the Carriageway below the East Front Center Steps. Demolition of major structural columns will continue inside the East Front transition zone. Major slab demolition for the two 25-passenger elevators is being completed within the north side of the East Front.

### **Truck Tunnel Construction**

- Crews will continue to erect formwork, place concrete and waterproof the roof deck and walls in all areas of the truck tunnel construction zone. Close to 70 percent of the concrete for the tunnel is in place.
- Work to restore Constitution Avenue will continue for several weeks.

### **Library of Congress (LOC) Tunnel**

- Excavation will continue in First Street SE and adjacent to the northwest corner of the LOC building.
- Crews will continue installing a temporary bridge along First Street over the tunnel excavation zone.

Formwork assembly and concrete placements will continue within the CVC site for the tunnel floor slab and walls.



*During a break in the persistent rainfall last week, workers placed concrete into the formwork for the lower base of the East Front Center Steps.*



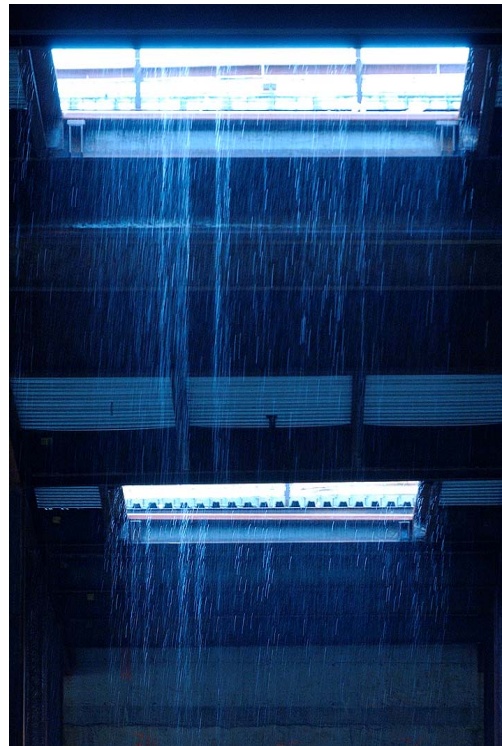
*After the concrete base had cured sufficiently, a worker chiseled away any significant imperfections. The original stone step plates, which had been carefully removed, will be reinstalled on the concrete base later this spring.*



## CVC construction photos April 12-16, 2004

*Heavy rainfall last week  
penetrated two of the CVC  
skylight openings.*

*A worker guides a steel beam in place inside the East Front Extension.*



*A crew guides the placement of concrete over formwork for the floor slab of the Great Hall.*





*Above: A worker positions formwork for the floor slab of what will eventually become part of the CVC's 600-seat cafeteria.*



*Left: Workers guide a stack of wire mesh fabric on the CVC roof deck. The wire mesh will be used to help strengthen and bind the concrete for the roof deck's top slab.*

*Below left: A Sequence 2 contractor assembles granite paving stones in a bed of asphalt on the CVC roof deck. The grouping of the white and pink pavers will serve as a mock-up that will be used as a reference by the stone masons who eventually will set close to 200,000 pavers on the East Front Plaza.*



*Below right: Construction of the north and south walls of the Congressional Auditorium continues westward. The roof of the auditorium will serve as the East Capitol Street Extension.*

